

## On the Water Front

An extremely important project in the planning for Tucson's water future has just been completed. The Ambassador Neighborhoods Program, Tucson

Water's voluntary blended water demonstration program, ended this month in the Bopp Road neighborhood. Four different neighborhoods volunteered to use the water for 90 days each.

The results were very positive. Nine out of ten of the neighbors liked the water. A number of them told us they liked the blend better than the water they were receiving before the demonstration began. There were no problems with home plumbing or appliances related to the water.

Tucson Water inspected the neighbors' homes, before and after the demonstration and tested the water frequently during the 90-day period. As the final reports on these findings are completed we will be giving you more information about the details of the water demonstrations. For example, we'll tell you what we observed about evaporative coolers, water softeners, and plumbing in the neighborhoods. In the meantime, we will continue to maintain information about the program, including water quality reports, on our web site at [www.ci.tucson.az.us/water](http://www.ci.tucson.az.us/water).

Perhaps the most important result of the Ambassador Neighborhoods Program is that our customers found a blend of recharged Colorado River water and groundwater more than acceptable, confirming the extensive water quality and customer preference research we did in 1997 and 1998. This successful work with our volunteer neighborhoods confirms our direction. We continue to build the Clearwater Facility and will be adding blended water to our water system next spring.

I want to thank all the customers who took part in the Ambassador Neighborhoods Program and also the hundreds who volunteered but were not chosen to participate. You have all made a significant contribution to your community's future and the quality of our environment. Congratulations and thank you for your help.

David V. Modeer, Director, Tucson Water

1900 - 2000  
100 Years of Serving Tucson

# Your Water Connection

News & Tips  
FOR  
Tucson Water Customers

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September 2000 <http://www.ci.tucson.az.us/water/>

# More Water\$mart Workshops

Tucson Water is continuing its popular series of FREE workshops to help you design, install, operate and maintain a water-thrifty drip irrigation system for your landscape or garden. Workshops are also offered on how to use your irrigation timer, how to select plants for your landscape, and how to harvest rainwater.

**September 9, 2000**

Wilmot Public Library  
530 N. Wilmot, Tucson

9:00-11:00 am Mini-Oasis  
Plant Selection  
and Design  
11:30 am-1:30 pm Drip Irrigation  
Design and  
Installation  
2:30-4:30 pm Irrigation  
Timer Use

**September 23, 2000**

Bear Canyon Library  
8959 E. Tanque Verde Rd.  
Tucson

9:00-11:00 am Mini-Oasis  
Plant Selection  
and Design  
11:30 am-1:30 pm Drip Irrigation  
Design and  
Installation  
2:30-4:30 pm Irrigation  
Timer Use

**September 30, 2000**

Tucson Botanical Gardens  
2150 N. Alvernon Way  
Tucson

9:00-11:00 am Desert  
Landscaping

**October 14, 2000**

Pima County Cooperative  
Extension  
4210 N. Campbell Ave.  
Tucson

9:00-11:00 am Hands-On Drip  
Irrigation

**October 14, 2000**

Tohono Chul Park  
7366 N. Paseo Del Norte  
Tucson

1:30-3:30 pm Desert  
Landscaping

For more information, contact  
the Pima County Cooperative  
Extension Office at 622-7701, or  
visit their website at  
[www.ag.arizona.edu/pima/low4](http://www.ag.arizona.edu/pima/low4).



## Too Much Water???

For information on  
whether your property is in a  
100-year flood plain, visit the  
City of Tucson Floodplain  
Office at 201 N. Stone Avenue,  
third floor, or call 791-4914.  
We also offer information on  
flood protection and  
mitigation. For properties  
outside the City of Tucson,  
call Pima County Flood  
Control at 740-6350.

Seating is limited at workshops and reservations are required.  
Reserve early to ensure a seat. Contact Tucson Water at 791-4331 for  
reservations. The Saturday workshops are a joint program of the Pima  
County Cooperative Extension and Tucson Water.

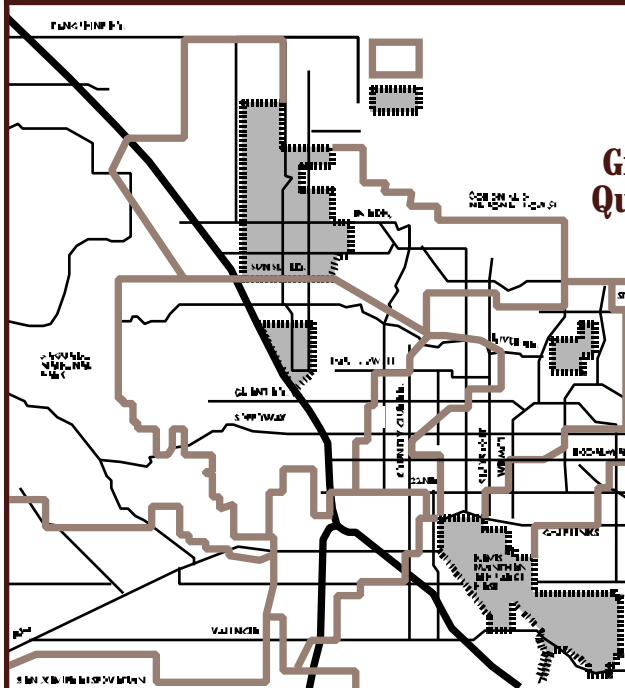
## Tucson Water History

**This photo  
from 1939**  
shows that  
even with the  
help of a  
mechanical  
crane, lifting  
and placing  
water pipes  
was a labor  
intensive task.



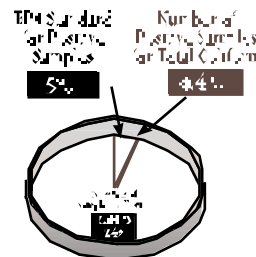
# GROUNDWATER QUALITY REPORT - June 2000

Water Quality Zone	1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average 53	44	48	34	34	32	29	44	55	42	40
	Range 30-76	38-48	27-95	26-68	26-44	26-39	22-39	37-47	32-141	40-44	22-141
Mineral Content (ppm)	Average 385	297	321	219	226	228	212	308	295	217	263
	Range 170-512	213-332	193-614	183-324	174-274	129-286	140-268	257-440	214-631	211-221	129-631
Hardness (ppm)	Average 181	132	148	92	98	106	102	149	107	78	116
	Range 64-283	96-154	68-308	67-115	72-124	90-135	64-115	104-265	76-332	75-81	64-332
pH (units)	Average 7.5	7.8	7.7	7.8	7.7	7.6	7.7	7.7	7.8	7.9	7.7
	Range 7.3-7.9	7.6-8.1	7.2-8.0	7.5-8.0	7.1-8.2	7.1-8.0	6.9-8.2	7.3-7.8	7.3-8.1	7.8-8.0	6.9-8.2
Temperature (deg F)	Average 85	85	86	86	85	83	84	86	88	90	86
	Range 77-91	82-89	78-95	80-93	75-91	77-88	70-91	80-91	82-94	86-92	70-95



## COLIFORM BACTERIA Testing Results - June 2000

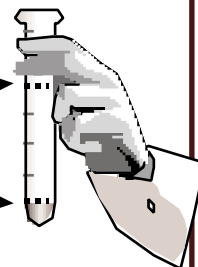
### Groundwater Quality Report



### Chlorine Level Average

Chlorine Level Average

Monthly Average 0.8 ppm



One part per million (ppm) is the same as one second of time in 11.6 days.

To give you a more accurate measurement of the water quality in your neighborhood, the Tucson Water service area has been divided

into 10 zones based on differences in water pressure and water quality. For a detailed description of the zone boundaries, call 791-4331.

# Your New Water Facility is Under Construction – UPDATE: Building Tucson's Water Future at Clearwater

The facility that will produce and deliver billions of gallons of water to Tucson is under construction in the desert west of Tucson. Recharged Colorado River water and groundwater will blend naturally in the water table at the Clearwater Renewable Resource Facility. In the spring of 2001, Tucson Water will begin adding this blended water to our water distribution system.

About 150 Tucson Water and private construction company personnel are working to complete Clearwater as soon as possible. Currently about 5 miles of the 11 1/2 mile pipeline is complete. The 10 million-gallon water reservoir and its pumping station are 70 percent complete. Nine wells have been drilled and work will begin soon to equip them with pumps and other necessary machinery. Also scheduled to begin soon is the construction of the collector pipeline that will connect the wells with the reservoir.



## The Best Team in the City

Last month, Tucson Water's Neighborhood Contact Team that worked with customers during the Ambassador Neighborhoods Program received the prestigious City Manager's Team Excellence Award. The team worked closely with the neighbors, answering questions, responding to concerns and providing individual attention to each participant.



(L-R) Front: Jill Champion, Andrea Palmer, Robin Williams;  
Back: Dave Modeer, Augie Aguilar, Ries Lindley, Jeannette Hinton and Jim Rios.

**Visit the Tucson Water Web Site at**  
**<http://www.ci.tucson.az.us/water/>**

*The Water Connection* is produced by Tucson Water. To receive a copy, or to receive this information in Spanish, call 791-4331 or mail your request to: Customer Information, P.O. Box 27210, Tucson, AZ 85726-7210

City of Tucson  
TTY number: 791-2639

Si usted desea este documento escrito en español, por favor, llame al 791-4331.

